

In the claims:

For the Examiner's convenience, all pending claims are presented below with changes shown in accordance with the mandatory amendment format.

1. (Previously Presented) An adapter comprising:  
  
an infrared transceiver to transmit and receive information to and from a  
  
computing device via an infrared data port;  
  
a Bluetooth transceiver to transmit and receive information to and from a data  
  
system via a Bluetooth interface; and  
  
a processor coupled to the infrared transceiver and the Bluetooth transceiver to  
  
convert information received from the infrared transceiver to a Bluetooth  
  
protocol format for transfer to the data system and to convert information  
  
received from the Bluetooth transceiver to an infrared format for transfer  
  
to the infrared data port.
2. (Previously Presented) The adapter of claim 1, further comprising a buffer  
  
to provide temporary storage for information converted by the processor.
3. (Previously Presented) The adapter of claim 1, further comprising a power  
  
supply coupled to the processor.
4. (Previously Presented) The adapter of claim 1, wherein the infrared  
  
transceiver includes a driver circuit to transmit information to the infrared data  
  
port.

5. (Previously Presented) The adapter of claim 1, wherein the infrared transceiver includes a receiving circuit to receive information from the infrared data port.
6. (Previously Presented) The adapter of claim 1, further comprising housing.
7. (Previously Presented) A system, comprising:  
a computing device including an infrared data port to transmit and receive information to a data system in communication with a network; and  
an adapter to transfer information between the computing device and the data system, the adapter including:  
an infrared transceiver to transmit and receive information to and from the infrared data port;  
a Bluetooth transceiver to transmit and receive information to and from the data system; and  
a processor coupled to the infrared transceiver and the Bluetooth transceiver to convert information received from the infrared transceiver to a Bluetooth protocol format for transfer to the data system and to convert information received from the Bluetooth transceiver to an infrared format for transfer to the infrared data port.
8. (Previously Presented) The system of claim 7, wherein the computing device is a portable computer.

9. (Previously Presented) The system of claim 7, wherein the adapter is physically coupled to the computing device.
10. (Previously Presented) The system of claim 7, wherein the adapter is a stand-alone unit that communicates with the computing device over an infrared communication link.
11. (Previously Presented) The system of claim 7, wherein the adapter further comprises a buffer to provide temporary storage for information converted by the processor.
12. (Previously Presented) The system of claim 7, wherein the adapter further comprises a power supply coupled to the microprocessor.
13. (Previously Presented) The system of claim 7, wherein the infrared transceiver includes a driver circuit to transmit information to the infrared data port.
14. (Previously Presented) The system of claim 7, wherein the infrared transceiver includes a receiving circuit to receive information from the infrared data port.
15. (Previously Presented) An adapter comprising:  
  
a first infrared transceiver to transmit and receive information to and from a first computing device via a first infrared data ports;  
  
a second infrared transceiver to transmit and receive information to and from a second computing device via a second infrared data port;

a Bluetooth transceiver to transmit and receive information to and from a data system via a Bluetooth interface; and

a processor coupled to the first and second infrared transceivers and the Bluetooth transceiver to convert information received from the first and second infrared transceivers to a Bluetooth protocol format for transfer to the data system and to convert information received from the Bluetooth transceiver to an infrared format for transfer to at least one of the infrared data ports.

16. (Previously Presented) A method for wirelessly connecting a computing device to a network, comprising:
- receiving information at an adapter over an infrared communication link from a remote computing device;
  - converting the information from an infrared format to a Bluetooth protocol format at a processor; and
  - communicating the information to the network over a Bluetooth link.
17. (Previously Presented) A method for wirelessly connecting a computing device to a network, comprising:
- receiving information at an adapter over a Bluetooth communication link from the network;
  - converting the information from a Bluetooth protocol format to an infrared signal at a processor; and
  - communicating the information to the computing device over an infrared communication link.

18-20. (Cancelled)

21. (Original) The adaptor of claim 15, wherein the adapter further comprises a buffer to provide temporary information storage.

22. (Previously Presented) A system comprising:  
a portable computing device having an infrared data port;  
an IR (infrared) to Bluetooth adapter communicatively coupled to the infrared data port, the adapter having:  
an infrared transceiver to transmit and receive information to and from the infrared data port;  
a Bluetooth transceiver to transmit and receive information to and from the data system; and  
a processor coupled to the infrared transceiver and the Bluetooth transceiver to convert information received from the infrared transceiver to a Bluetooth format for transfer to the data system and to convert information received from the Bluetooth transceiver to an infrared format for transfer to the infrared data port; and  
an data system communicatively coupled to the IR to Bluetooth adapter to receive Bluetooth protocol signals from the IR to Bluetooth adapter, and to transmit the signals to a network.

23. (Cancelled)